



# Army Transformation to the Future Force

National Defense University

Joint Capstone Program

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# ***Transforming for the Operational Environment***

**A Campaign Quality Army with Joint and Expeditionary Capabilities**

**Redesign the Organization**

**Redefine the Culture**

**Relieve the Stress**

**Invest for the Future**

**Optimize Capabilities**

**Modular Forces**

**Warrior Ethos**

**Force Stabilization**

**Future Forces**

**AC/RC Balance**

**Army Force Generation Model**

**Winning the War While Transforming the Army**



# Where We Will Likely Operate

STRATEGIC DEPLOYMENTS...  
LONG LOGISTICS TRAIL

MOUNTAINS &  
DESERTS



JUNGLES &  
DENSE FORESTS



POOR  
INFRASTRUCTURE



COMPLEX  
DEMOGRAPHICS



## **FUTURE OPERATING ENVIRONMENT COMPLEXITY**

- **Terrain**
- **Human**
- **Informational**

CITIES



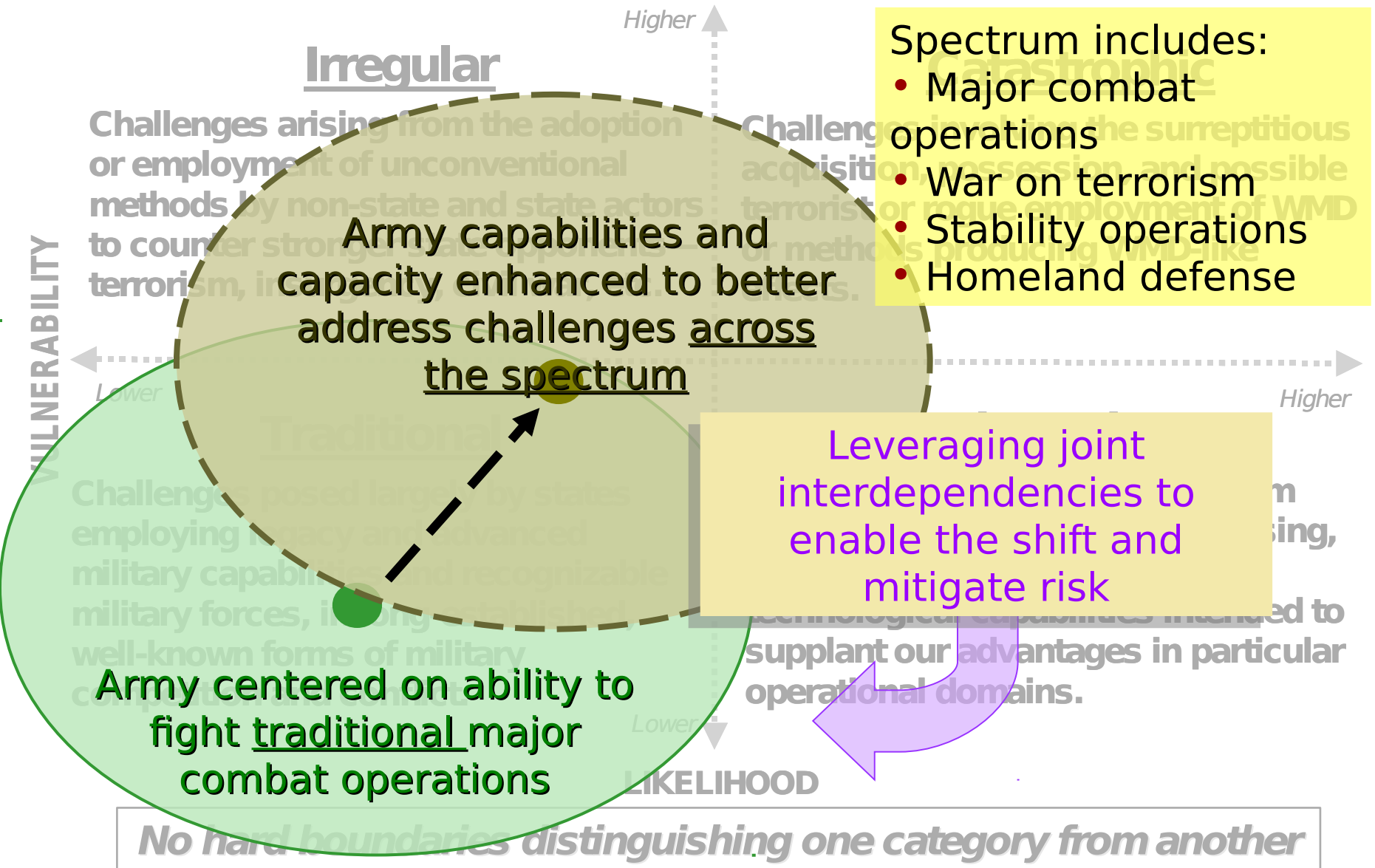
# Who We Will Likely Face

## Adversaries who have “gone to school” on U.S. operations





# Army's Center of Gravity Has Shifted



# Army-Related QDR 06 Outcomes

## Defeating Terrorist Extremism

- Recognition of the “long war” and rotation base
- Expansion of Army multipurpose and special operations capacity
- Enhancements of multipurpose force capabilities for irregular warfare
- Transformation of RC to operational reserve
- Security, stability, transition, and reconstruction (SSTR) operations as core capability
- Enhancement of language skills, cultural awareness
- Increasing human intelligence (HUMINT)
- Training, mentoring, equipping, and advising indigenous forces

## Countering WMD

- Increasing render safe capabilities and capacity
- JTF for WMD Elimination

## Shaping Choices of Countries at Strategic Crossroads

- Continuous modernization
- Operational maneuver and sustainment of ground forces at strategic distances
- Expanding alliances, developing new partnerships
- Expanding foreign area officer (FAO) programs
- Theater security cooperation and engagement activities, including joint training exercises, senior staff talks, and officer and foreign internal defense training

# ***The Future Force Capstone Concept “Army in Joint Operations - 2015 - 2024”***

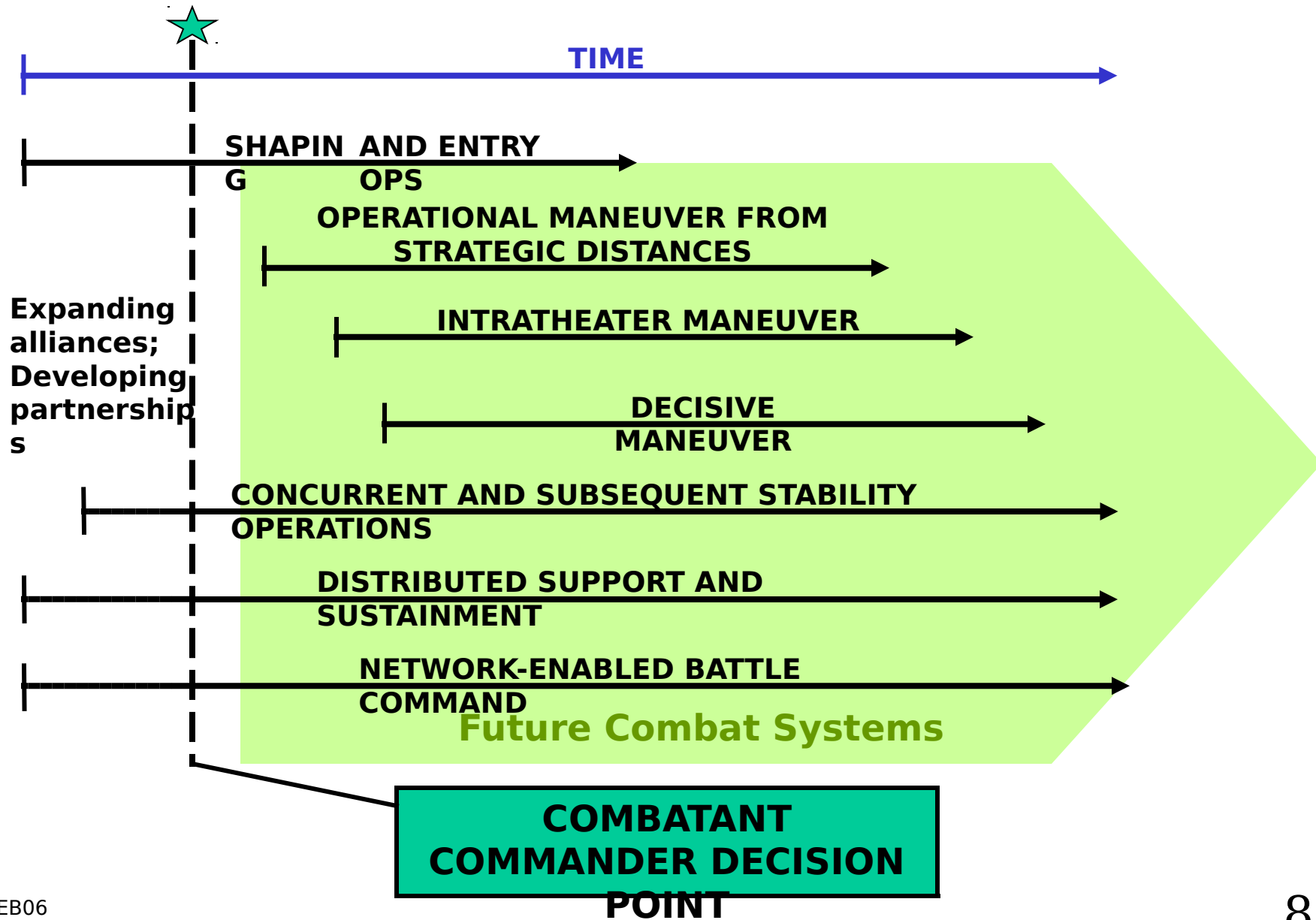
## **THE PROBLEM**

- Volatile, Uncertain, Complex, Ambiguous Strategic Environment
- Full Spectrum Dominance Transformation Guidance
- Complex Threats with Robust Anti-access Capabilities
- Joint, Interagency, and Multinational Context
- Concurrent Operational Requirements: Expeditionary Capabilities and Campaign Qualities

- Shaping and Entry Operations
- Operational Maneuver from Strategic Distances
- Intratheater Operational Maneuver
- Decisive Maneuver
- Concurrent and Subsequent Stability Operations
- Distributed Support and Sustainment
- Network-Enabled Battle Command

***Key Enablers - Joint  
Interdependencies***

# ***The Army in Joint Operations - Campaign with the Key Ideas***





# ***Implications for Future Capabilities***



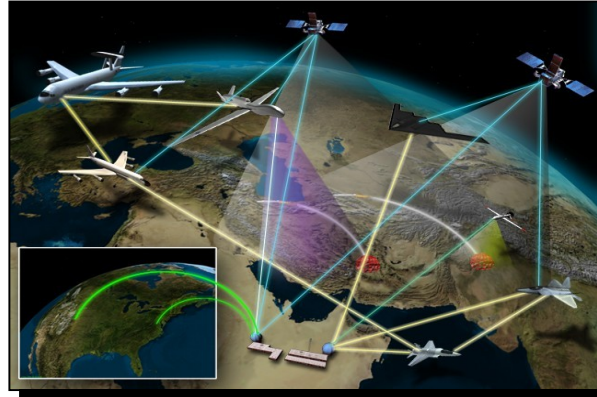
**Logistics Transformation**



**Advanced Strategic/  
Operational Lift**



**Joint Interdependence**



**Network / Advanced C4ISR**



**Adaptable Leaders, Soldiers &  
Civilians**



**Hybrid Mix of  
Forces**



**Precision Munitions  
Advanced Fire Control**

***Future Soldiers Will Be at Greater Risk Without Future  
Combat Systems***

# Why the Joint Force Needs FCS?

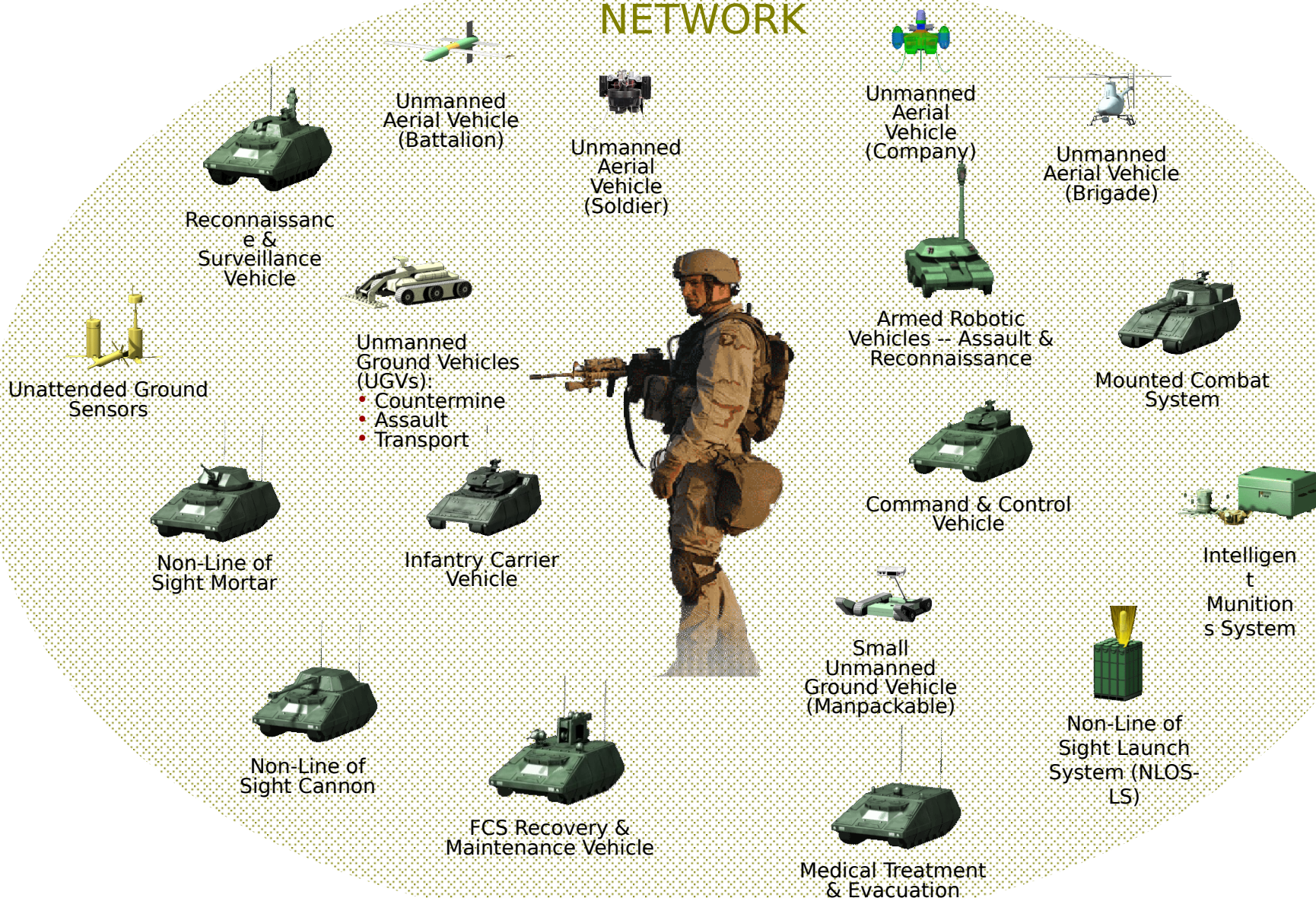
- Joint Operating Environment will continue to evolve: tomorrow's threat is more demanding than today's
- Joint Force Commanders will need a broad range of maneuver options and an agile mix of unit types
- Today's forces can not be protected by passive armor solutions alone
- Hyperkinetic technology advancements will severely challenge passive armor solutions
- Our wargaming and experimentation demonstrates the potential of network-enabled solutions to address both our current and future capability gaps



*Future Force Strategy reflects the President's vision for Defense transformation.*

# FCS BCT

## NETWORK



# Enhancing Current Ground Forces

## Spin Out 1 (FY08): Sensors / Shooters

- Unattended ground sensors
- Non-line of sight launch systems
- Intelligent munitions

+ Network & Soldier



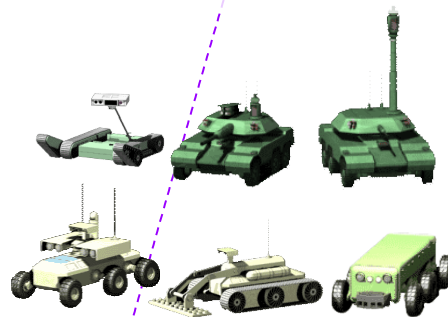
## Spin Out 2 (FY10): Unmanned Aerial Vehicles/Payloads

- Sensors
- + Network & Soldier



## Spin Out 3 (FY12): Unmanned Ground Vehicles

- Manpackable
  - Assault & Reconnaissance
  - Countermine & Transport
- + Network & Soldier



## Spin Out 4 (FY14): Network

FCS



US Ground Forces





# ***What Isn't Changing***

## ***The Soldier is the Centerpiece of All Our Units***

- ✓ **Everything we do is designed to support the Soldier**
- ✓ **A heritage of fighting and winning our Nation's Wars**
- ✓ **Traditions reflected in our units' lineage and honors**

